ECOFLOW LFP Battery Connection Polarity Adapter User Guide

Contents

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ECOFLOW LFP Battery Connection Polarity Adapter

Product Information

The EcoFlow LFP Battery can be connected to the most commercially available 40V~60V third-party power systems using a polarity adapter (sold separately). The operating status of each battery can be monitored by connecting the EcoFlow Power Kit Console (sold separately) via the RJ45 port.

Overview of Polarity Adapter (sold separately)
The polarity adapter comes with two RJ45 CAN Bus ports, each port can be connected to EcoFlow Power Kit Console or another adapter. The adapter has RJ45 Network Port Positive and Negative Studs, LFP Battery Female Port, and Protection Cover. When two or more battery packs are connected and the RJ45 CAN Bus port is not connected to either of the above modules, an RJ45 CAN bus terminator MUST be connected to the port to ensure proper communication throughout the system.

EcoFlow Power Kit Console (Sold Separately)
The EcoFlow Power Kit Console (sold separately) is used to monitor the operating status of each battery. It can be connected to the polarity adapter via the RJ45 port. An RJ45 CAN bus terminator is also required in the system to ensure proper communication.

EcoFlow LFP Battery Terminal Busbar (Sold Separately)
The EcoFlow LFP Battery Terminal Busbar (sold separately) is used to connect the battery to the third-party power system.

Third-Party 48V Power Systems
The user should select an appropriate connection cable according to the power of the third-party power system and the discharge current of the battery. The following table shows the load capacity of different battery connection cables:

Current (A)	Cable size (AWG)
15	14
25	12
40	10
60	8
80	6
100	4
120	2
150	1/0

Product Usage Instructions

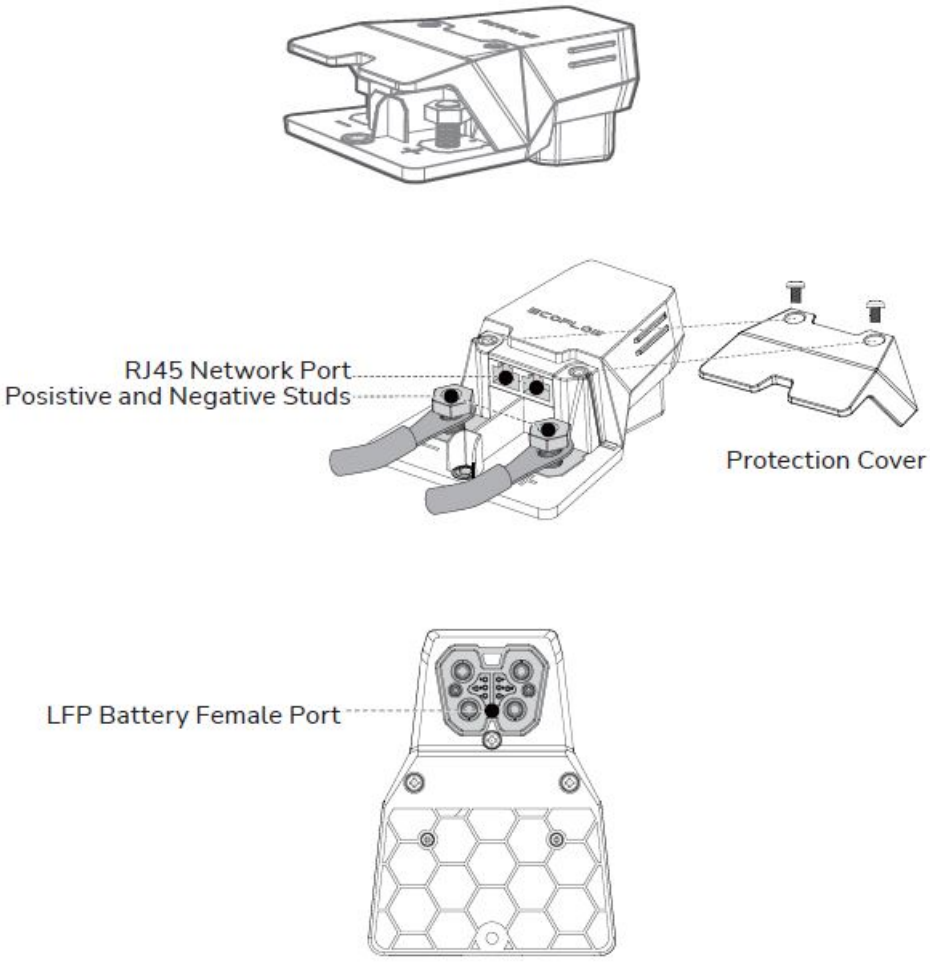
1. Purchase the polarity adapter, EcoFlow Power Kit Console, and EcoFlow LFP Battery Terminal Busbar (if not included).
2. Select an appropriate connection cable from the table based on the power of the third-party power system and the discharge current of the battery.
3. Connect the EcoFlow LFP Battery Terminal Busbar to the battery.
4. Connect the polarity adapter to the EcoFlow LFP Battery Terminal Busbar and to the third-party power system using the appropriate connection cable.
5. If using two or more battery packs, connect an RJ45 CAN bus terminator to the polarity adapter to ensure proper communication throughout the system.

6. Connect the EcoFlow Power Kit Console to the polarity adapter via the RJ45 port to monitor the operating status of each battery.

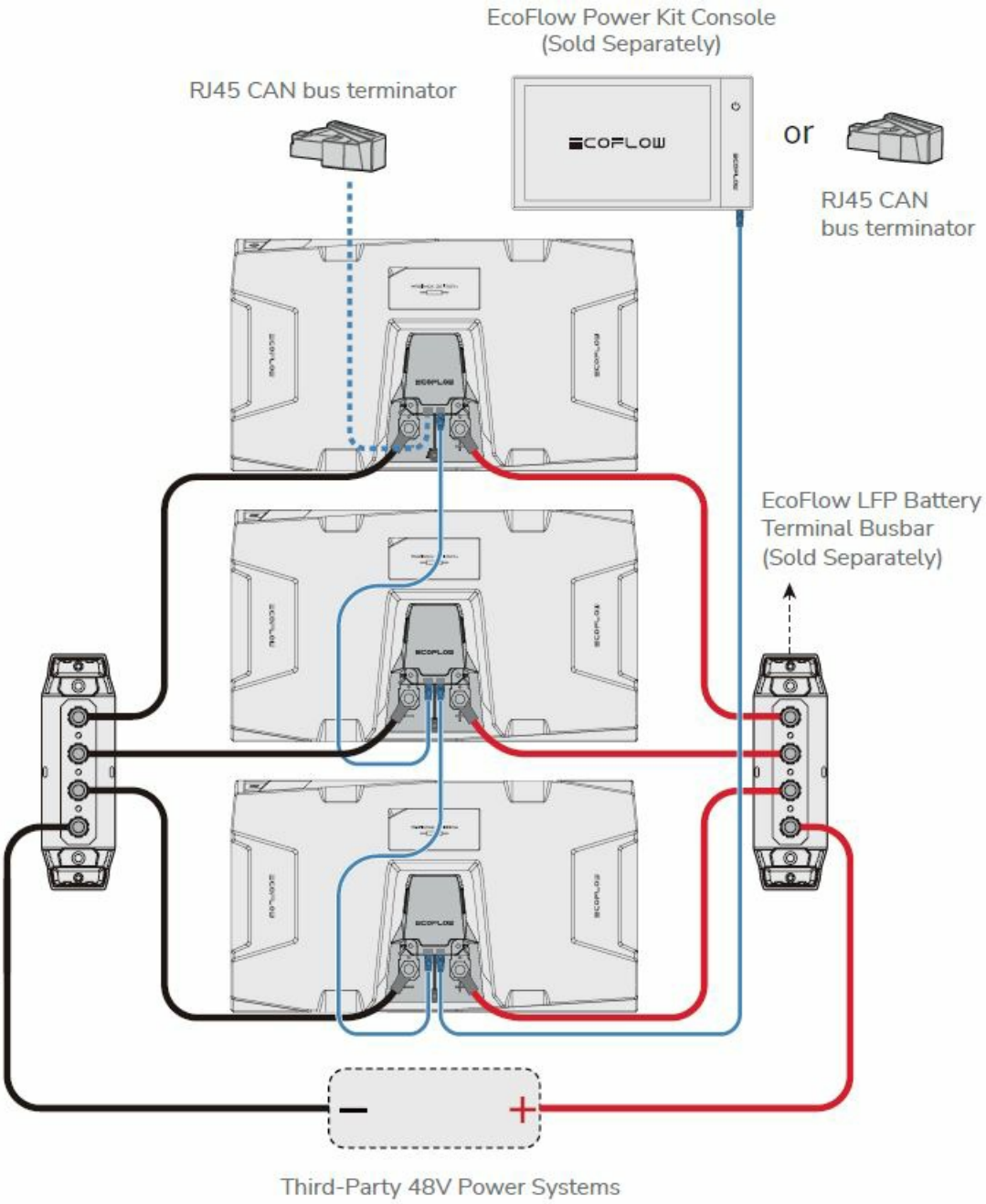
EcoFlow LFP Battery Connection Guide for Third-Party 48V Power Systems
By using a polarity adapter (sold separately), EcoFlow LFP Battery is compatible with the most commercially available 40V~60V third-party power systems. The user can monitor the operating status of each battery by connecting the EcoFlow Power Kit Console (sold separate-ly) via the RJ45 port.

Overview

Overview of Polarity Adapter (sold separately)



This adapter comes with two RJ45 CAN Bus ports, each port can be connected to EcoFlow Power Kit Console or another adapter. When two or more battery packs are connected and the RJ45 CAN Bus port is not connected to either of the above modules, an RJ45 CAN bus terminator MUST be connected to the port to ensure proper communication throughout the system.



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Documents / Resources

	**ECOFLOW LFP Battery Connection Polarity Adapter** [pdf] User Guide LFP, LFP Battery Connection Polarity Adapter, Battery Connection Polarity Adapter, Polarity Adapter